



5TH CATEGORY - HISTORIC RACING  
**GROUP N**  
 APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current Motorsport Australia Manual.

<b>Make of Car:</b>	Morris	<b>Model:</b>	Oxford Series 2
<b>Period of Original Manufacture:</b>	1954 – 1956		
<b>Motorsport Australia Historic Group:</b>	Na		
<b>Date of Issue of this Document:</b>	30 September 2021		



Refer to Motorsport Australia Manual of Motor Sport, Vehicle Eligibility, Historic Touring Cars, General Requirements & Nc Regulations for permitted modifications.

***Update Log***


## SECTION 1 - CHASSIS

### 1.1. CHASSIS

<b>Description:</b>	Unitary construction		
<b>Period of Manufacture:</b>	1954 – 1956		
<b>Manufacturer:</b>	Morris		
<b>Chassis Number From:</b>			
<b>Chassis Number location:</b>	LHS Firewall		
<b>Material:</b>	Steel		
<b>Comments</b>	None		

### 1.2. FRONT SUSPENSION

<b>Description:</b>	Independent - single arms top and bottom, with trailing links		
<b>Spring Medium:</b>	Torsion bar		
<b>Damper Type:</b>	Telescopic	<b>Adjustable:</b>	N/A
<b>Anti-sway bar:</b>	No	<b>Adjustable:</b>	N/A
<b>Suspension adjustable:</b>	Yes	<b>Method:</b>	Toe
<b>Comments:</b>	Refer to Appendix A		

### 1.3. REAR SUSPENSION

<b>Description:</b>	Live axle		
<b>Spring Medium:</b>	Semi elliptical leaf		
<b>Damper Type:</b>	Telescopic	<b>Adjustable:</b>	No
<b>Anti-sway bar:</b>	No	<b>Adjustable:</b>	N/A
<b>Suspension adjustable:</b>	no	<b>Method:</b>	N/A
<b>Comments:</b>	Refer to Appendix A Fore and aft location allowed		

### 1.4. STEERING

<b>Type:</b>	Rack and pinion	<b>Make:</b>	BMC
<b>Comments</b>	None		

### 1.5. BRAKES

	Front	Rear
<b>Type:</b>	Drum	Drum
<b>Dimensions:</b>	230mm x 65 mm	230mm x 65 mm
<b>Material of drum/disc:</b>	Cast iron	Cast iron
<b>No. cylinders/pots per wheel:</b>	Two	One
<b>Actuation:</b>	Hydraulic	Hydraulic
<b>Caliper make:</b>	N/A	
<b>Caliper type:</b>	N/A	
<b>Material:</b>	N/A	
<b>Master cylinder make:</b>	Lockheed	
<b>Type:</b>	Single	
<b>Adjustable bias:</b>	No	
<b>Servo Fitted:</b>	No	
<b>Comments:</b>	None	

## SECTION 2 - ENGINE

### 2.1. ENGINE

<b>Make:</b>	Morris		
<b>Model:</b>	BMC B Series		
<b>No. cylinders:</b>	Four	<b>Configuration:</b>	In-line
<b>Cylinder Block-material:</b>	Cast iron	<b>Two/Four Stroke:</b>	Four
<b>Bore - Original:</b>	73 mm	<b>Max allowed:</b>	74.5 mm
<b>Stroke - original:</b>	89 mm	<b>Max allowed:</b>	89 mm
<b>Capacity - original:</b>	1489 cc	<b>Max allowed:</b>	1554 cc
<b>Identifying marks:</b>	LHS Firewall BP15MH 50/4500		
<b>Cooling method:</b>	Liquid		
<b>Comments:</b>	None		

### 2.2. CYLINDER HEAD

<b>Make:</b>	Morris		
<b>No. of valves/cylinder:</b>	Two	<b>Inlet:</b> One	<b>Exhaust:</b> One
<b>No. of ports total:</b>	Five	<b>Inlet:</b> Two	<b>Exhaust:</b> Three
<b>No. of camshafts:</b>	One	<b>Location:</b> Block	<b>Drive:</b> Chain
<b>Valve actuation:</b>	Pushrod and rocker		
<b>Spark plugs/cylinder:</b>	One		
<b>Identifying marks:</b>	N/A		
<b>Comments:</b>	None		

### 2.3. LUBRICATION

<b>Method:</b>	Wet sump	<b>Oil tank location:</b>	N/A
<b>Dry sump pump type:</b>	N/A	<b>Location:</b>	N/A
<b>Oil cooler standard:</b>	No	<b>Location:</b>	n/A
<b>Comments:</b>	None		

### 2.4. IGNITION SYSTEM

<b>Type:</b>	Points, distributor & coil		
<b>Make:</b>	Lucas		
<b>Comments</b>	Breakerless electronic ignition permitted		

### 2.5. FUEL SYSTEM

<b>Carburettor Make:</b>	SU	<b>Model:</b>	H
<b>Carburettor Number:</b>	One		
<b>Size:</b>	1.25"		
<b>Fuel injection Make:</b>	N/A	<b>Type:</b>	N/A
<b>Supercharged:</b>	No	<b>Type:</b>	N/A
<b>Comments:</b>	None		

**SECTION 3 - TRANSMISSION**

**3.1. CLUTCH**

<b>Make:</b>	Borg and Beck
<b>Type:</b>	A.6-G
<b>Diameter:</b>	203 mm
<b>No. of Plates:</b>	One
<b>Actuation:</b>	Hydraulic
<b>Comments:</b>	None

**3.2. TRANSMISSION**

<b>Type:</b>	Syncromesh
<b>Make:</b>	BMC B Series
<b>Gearbox location:</b>	Behind engine
<b>No. forward speeds:</b>	Four
<b>Gearchange type and location:</b>	Column change
<b>Case material:</b>	Alloy
<b>Identifying marks:</b>	N/A
<b>Comments:</b>	None

**3.3. FINAL DRIVE**

<b>Make:</b>	Morris	<b>Model:</b>	BMC B Series
<b>Type:</b>	Live axle		
<b>Ratios:</b>	4.875:1		
<b>Differential type:</b>	Free		
<b>Comments:</b>	None		

**3.4. TRANSMISSION SHAFTS (EXPOSED)**

<b>Number:</b>	One
<b>Location:</b>	Gearbox to final drive
<b>Description:</b>	Open tail shaft with twin uni joints
<b>Comments:</b>	None

**3.5. WHEELS & TYRES**

<b>Wheel type - Original:</b>	Pressed disc	<b>Material - Original:</b>	Steel
<b>Wheel type - Allowed:</b>	Alloy (period style)	<b>Material - Allowed:</b>	Alloy
<b>Fixture method:</b>	Bolt on	<b>No. studs:</b>	Four
<b>Wheel dia. &amp; rim width</b>	<b>FRONT</b>		<b>REAR</b>
<b>Original:</b>	4" x 15"		4" x 15"
<b>Allowed</b>	5" x 15"		5" x 15"
<b>Tyre Section:</b>			
<b>Allowed:</b>	Refer approved tyre list.		
<b>Aspect ratio - minimum:</b>	60% minimum aspect ratio.		
<b>Comments:</b>	None		

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**SECTION 4 GENERAL**

**4.1. FUEL SYSTEM**

<b>Tank Location:</b>	Front of Boot	<b>Capacity:</b>	48 litres
<b>Fuel pump, type:</b>	Electrical	<b>Make:</b>	SU
<b>Comments:</b>	None		

**4.2. ELECTRICAL SYSTEM**

<b>Voltage:</b>	12	<b>Alternator fitted:</b>	Alternator
<b>Battery Location:</b>	Engine bay		
<b>Comments:</b>	None		

**4.3. BODYWORK**

<b>Type:</b>	Saloon	<b>Material:</b>	Steel
<b>No. of seats:</b>	Four	<b>No. doors:</b>	Four
<b>Comments:</b>	None		

**4.4. DIMENSIONS**

<b>Track - Front:</b>	1360 mm	<b>Rear:</b>	1346 mm
<b>Wheelbase:</b>	1464 mm	<b>Overall length:</b>	4343 mm
<b>Dry weight:</b>	1198 kg		
<b>Comments:</b>			

**4.5. SAFETY EQUIPMENT**

Refer applicable Group Regulations
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**Appendix A**

**Suspension**

**Front**

Spring height adjustment permitted.

**Rear**

Spring height adjustment permitted.